

# INTERNATIONAL SEARCH REPORT

International Application No  
US2004/024168

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A01K67/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/93676 A (NASA) 13 December 2001 (2001-12-13) page 4, lines 9-17	66
Y	examples 2-4	67-69
Y	WO 02/35924 A (SUIS TM INC ; HARRIS J C LEVERNE (CA); STRUTHERS RONALD (CA)) 10 May 2002 (2002-05-10) page 2, line 30 - page 3, line 17 ----- -/-	66-69

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

29 November 2004

Date of mailing of the international search report

09/12/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WEBB J: "New technology for genetic improvement of livestock" THE PORK INDUSTRY AND PUBLIC ISSUES, 'Online! 5 April 2001 (2001-04-05), pages 27-41, XP002307851 Retrieved from the Internet: URL:http://www.londonwineconference.ca/proceedings/2001/LSC2001_JWebb.pdf&gt; 'retrieved on 2004-11-25! the whole document</p>	66-68
Y	<p>LI J ET AL: "Technical note: Porcine non-surgical embryo transfer" JOURNAL OF ANIMAL SCIENCE, vol. 74, no. 9, 1996, pages 2263-2268, XP002307852 ISSN: 0021-8812 page 2266, last paragraph</p>	66-69
Y	<p>ELLIS M, EASTER RA AND WOLTER B: "The current status and future for productivity improvements in swine" INTERNET ARTICLE, 'Online! 1997, XP002307853 Retrieved from the Internet: URL:http://www.aces.uiuc.edu/{ILWfood/papers/pigpap.PDF&gt; 'retrieved on 2004-11-25! abstract</p>	66-69
Y	<p>BRUESSOW KLAUS-PETER ET AL: "In vitro technologies related to pig embryo transfer" REPRODUCTION NUTRITION DEVELOPMENT, vol. 40, no. 5, September 2000 (2000-09), pages 469-480, XP002307854 ISSN: 0926-5287 page 470, paragraph 2. page 475, paragraph 7.</p>	66-69
Y	<p>SMITS H: "Non surgical embryo transfer (ns-ET) in pigs" ADVANCES IN PORK PRODUCTION, vol. 13, 2002, pages 239-245, XP002307855 abstract</p>	66-69

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International application No.  
PCT/US2004/024168

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-65  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: 1-65

Claims 1-65 of the present application relate to subject-matter as indicated in Rule 39.1 PCT, for which no search is required by the International Search Authority (Article 17.2(a)(i) PCT). Since 'breeding' in animal husbandry and in horticulture has been defined as "the selection of stock for propagation and the act of insemination by natural or artificial means" (Websters dictionary), claims 1-65 are considered to refer to animal varieties and essentially biological processes for the production of said animals.

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0193676	A	13-12-2001	US	6503698 B1	07-01-2003
			AU	6820801 A	17-12-2001
			CA	2414565 A1	13-12-2001
			WO	0193676 A1	13-12-2001
WO 0235924	A	10-05-2002	AU	1257702 A	15-05-2002
			WO	0235924 A2	10-05-2002